

## CLAIMS

1. A digital radio apparatus characterized in that two modulation and demodulation units are provided in parallel on an upper portion of a shared unit having a baseband main signal interface circuit.

2. The digital radio apparatus according to claim 1, characterized in that a modulation and demodulation unit comprises a modulation and demodulation circuit, and is formed by a printed board in which inner via holes are used.

3. The digital radio apparatus according to claim 2, characterized in that said modulation and demodulation circuit is integrated.

4. The digital radio apparatus according to claim 1, characterized in that said shared unit comprises at least one detachable connector unit.

5. The digital radio apparatus according to claim 1 or 4, characterized in that said shared unit comprises an MUX circuit and the MUX circuit is integrated.

6. The digital radio apparatus according to claim 4, characterized in that said connector unit is commutable to a LAN connection unit.

7. The digital radio apparatus according to claim 4 or 6, characterized in that a 40-ch E1 (ITU-T G.703 2.048 Mbps) signal is

dealt with in said connector unit.

8. The digital radio apparatus according to claim 1, characterized in that said shared unit comprises control means for not only setting a device in said digital radio apparatus but conducting communication of monitoring and control information on an outdoor radio apparatus, the control means also controlling and monitoring an interface unit of the outdoor radio apparatus.

9. The digital radio apparatus according to claim 5, characterized in that said interface circuit is formed by a printed board in which inner via holes are used.

10. The digital radio apparatus according to any one of claims 1 to 9, characterized in that said digital radio apparatus is an indoor digital radio apparatus (IDU).